

6826-281

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CofC

PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/595,354
	Filing Date	June 15, 2000
	First Named Inventor	George S. Mentrup
	Art Unit	2132
	Examiner Name	Kambiz Zand
Total Number of Pages in This Submission	Attorney Docket Number	CON092/93156

Certificate
DEC 20 2004
of Correction

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Marcia J. Rodgers Shughart, Thomson & Kilroy, P.C.
Signature	<i>Marcia J. Rodgers</i>
Date	Dec 8, 2004

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DEC 20 2004

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,826,281 B1
DATED : November 30, 2004
INVENTOR(S) : Mentrup et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, Claim 4(e)(4) the word "flexed" in the 4th line is corrected to read "fixed".

MAILING ADDRESS OF SENDER:

Marcia J. Rodgers, Esq.
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PATENT NO. 6,826,281

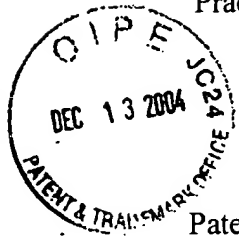
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DEC 20 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 6,826,281B1

Issued: November 30, 2004

Name of Patentee: George S. Mentrup et al.

Title of Invention: STORAGE-ENCRYPTION-RETRIEVAL DEVICE AND METHOD
WITH RESULTING BUSINESS PROCESSES

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REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))

1. Form SB/44 is attached.
2. The exact page and line number where the errors are shown correctly in the application file are:

Page 4, Line 32 Claim 10(e)(4) of Amendment dated August 10, 2004. This claim was renumbered as No. 4 in the issued patent.

3. Copy of Amendment dated August 10, 2004 is attached.
4. Please send the Certificate to:
Name: Marcia J. Rodgers, Esq.
Address: Shughart, Thomson & Kilroy, P.C., 120 W. 12th Street, Suite 1500, Kansas City, MO 64105

George S. Mentrup et al.
(type or print name of inventor(s))

Marcia Rodgers 12/8/04
Signature of person authorized to sign on
behalf of inventor(s)

Marcia J. Rodgers
(type or print name of authorized person signing)
Attorney # 33765
Title of authorized person signing

DEC 20 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.	09/595,354
Applicant	George S. Mentrup et al.
Filing Date	June 15, 2000
Art Unit	2132
Title	DATA STORAGE-ENCRYPTION-RETRIEVAL DEVICES AND METHODS WITH RESULTING BUSINESS PROCESSES
Examiner	Kambiz Zand
Docket No.	CON092/93156
Customer No.	24030

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate of Fax Transmission

I hereby certify that this Amendment for Application Serial No. 09/595,354, filed June 15, 2000 is being transmitted by facsimile to the U.S. Patent and Trademark Office Gas No. (703) 872-9306 on August 10, 2004.

Marcia J. Rodgers
Marcia J. Rodgers

AMENDMENT

Sir:

In response to the Office Action of May 10, 2004, please amend the above-identified application as follows:

There are No Amendments to the Specification.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

There are No Amendments to the drawings.

Remarks begin on page 7 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-6, (Canceled)

Claim 7 (Previously presented) A method for encrypting and retrieving a data word having a data sequence of data characters using a two dimensional grid of boxes on an encryption sheet and comprising the steps of:

- (a) selecting a master word having a known master sequence of master characters;
- (b) recording said master word on said encryption sheet in a scrambled sequence of said master characters other than said master sequence along a master line of said boxes of said grid;
- (c) recording said data word along a data line of boxes of said grid in said scrambled sequence by a fixed geometric offset of each of said data characters to at least one of said master characters;
- (d) retrieving said data word by finding said master characters in said scrambled sequence and locating said data characters by reference to said fixed geometric offset of said data characters respectively to said master characters in said scrambled sequence;
- (e) providing said grid of boxes on both of opposite sides of said encryption sheet;
- (f) recording said scrambled sequence on said encryption sheet by alternating from master character to master character onto opposite sides of said encryption sheet; and
- (g) recording said data word in said scrambled sequence as alternated on said opposite sides of said encryption sheet.

Claim 8 (Previously presented) A method for encrypting and retrieving a data word having a data sequence of data characters using a two dimensional grid of boxes on an encryption sheet and comprising the steps of:

- (a) selecting a master word having a known master sequence of master characters;
- (b) recording said master word on said encryption sheet in a scrambled sequence of said master characters other than said master sequence along a master line of said boxes of said grid;
- (c) recording said data word along a data line of boxes of said grid in said scrambled sequence by a fixed geometric offset of each of said data characters to at least one of said master characters;
- (d) retrieving said data word by finding said master characters in said scrambled sequence and locating said data characters by reference to said fixed geometric offset of said data characters respectively to said master characters in said scrambled sequence; and
- (e) recording a second data word of second data characters along a second data line of boxes of said grid in said grid sequence by said fixed geometric offset of each second data character to at least one of said master characters.

Claim 9 (Previously presented) A method for encrypting and retrieving a data word having a data sequence of data characters using a two dimensional grid of boxes on an encryption sheet and comprising the steps of:

- (a) selecting a master word having a known master sequence of master characters;
- (b) recording said master word on said encryption sheet in a scrambled sequence of said master characters other than said master sequence along a master line of said boxes of said grid;
- (c) recording said data word along a data line of boxes of said grid in said scrambled sequence by a fixed geometric offset of each of said data characters to at least one of said master characters;
- (d) retrieving said data word by finding said master characters in said scrambled sequence and locating said data characters by reference to said fixed geometric offset of said data characters respectively to said master characters in said scrambled sequence;
- (e) providing a sleeve sized and shaped to receive said encryption sheet therein, said sleeve having an outer end and a character window positioned in a selected fixed geometric offset relationship to said outer end; and
- (f) employing said outer end of said sleeve with and said character window to record said data characters in said fixed geometric offset and to thereby retrieve said data characters by said fixed geometric offset of said data characters to said master characters in said scrambled sequence.

Claim 10 (Previously presented) A method for encrypting and retrieving a data word having a data sequence of data characters using a two dimensional grid of boxes on an encryption sheet and comprising the steps of:

- (a) selecting a master word having a known master sequence of master characters;
- (b) recording said master word on said encryption sheet in a scrambled sequence of said master characters other than said master sequence along a master line of said boxes of said grid;
- (c) recording said data word along a data line of boxes of said grid in said scrambled sequence by a fixed geometric offset of each of said data characters to at least one of said master characters;
- (d) retrieving said data word by finding said master characters in said scrambled sequence and locating said data characters by reference to said fixed geometric offset of said data characters respectively to said master characters in said scrambled sequence;
- (e) said data word being a first data word, said master word being a first master word, and said first data word and said master word being recorded on a first grid of boxes on a first side of said encryption sheet; and including the steps of:
 - (1) selecting a second master word having a known second master sequence of second master characters;
 - (2) recording said second master word on said encryption sheet in a second scrambled sequence of said second master characters other than said second master sequence along a second master line of boxes of a second grid on a second side of said encryption sheet;
 - (3) recording said second data word along a second data line of boxes of said second grid in said second scrambled sequence by said fixed geometric offset of each of said second data characters to a respective one of said second master characters; and
 - (4) retrieving said second data word by finding said second master characters in said second scrambled sequence and locating said second data characters by reference to said fixed geometric offset of said second data characters respectively to said second master characters.

Claim 11 (Canceled)

Claim 12 (Canceled)

Claim 13 (Previously presented) A method for encrypting and retrieving a data word having a data sequence of data characters using a two dimensional grid of boxes on an encryption sheet and comprising the steps of:

- (a) providing a sleeve sized and shaped to receive said encryption sheet therein, said sleeve having an outer end and a character window positioned in a selected fixed geometric relationship to said outer end;
- (b) selecting a master word having a known master sequence of master characters;
- (c) recording said master word on said encryption sheet in a scrambled sequence of said master characters other than said master sequence along a master line of said boxes of said grid;
- (d) recording said data word along a data line of boxes of said grid in said scrambled sequence by a fixed geometric offset of each of said data characters to at least one of said master characters by aligning said outer end of said sleeve with a master character and recording a data character on said encryption sheet through said character window to establish said fixed geometric offset; and
- (e) retrieving said data word by finding said master characters in said scrambled sequence and locating said data characters by reference to said fixed geometric offset of said data characters respectively to said master characters in said scrambled sequence by aligning said outer end of said sleeve with each master character and reading a corresponding data character through said character window.

Claim 14 (Previously presented) A method as set forth in Claim 13 and including the step of: establishing said fixed geometric offset between each master character and a selected plurality of data characters.

Claim 15 (Previously presented) A method as set forth in Claim 13 and including the step of: establishing said fixed geometric offset between a selected plurality of master characters and each data character.

Claim 16 (Previously presented) A method as set forth in Claim 13 and including the steps of:

- (a) providing said grid of boxes on both of opposite sides of said encryption sheet;
- (b) recording said scrambled sequence on said encryption sheet by alternating from master character to master character onto opposite sides of said encryption sheet; and

- (c) recording said data word in said scrambled sequence as alternated on said opposite sides of said encryption sheet.

Claim 17 (Previously presented) A method as set forth in Claim 13 and including the step of: recording a second data word of second data characters along a second data line of boxes of said grid in said grid sequence by said fixed geometric offset of each second data character to at least one of said master characters.

Claim 18 (Previously presented) A method as set forth in Claim 13 wherein said data word is a first data word, said master word is a first master word, said first data word and said master word are recorded on a first grid of boxes on a first side of said encryption sheet; and including the steps of:

- (a) selecting a second master word having a known second master sequence of second master characters;
- (b) recording said second master word on said encryption sheet in a second scrambled sequence of said second master characters other than said second master sequence along a second master line of boxes of a second grid on a second side of said encryption sheet;
- (c) recording said second data word along a second data line of boxes of said second grid in said second scrambled sequence by said fixed geometric offset of each of said second data characters to a respective one of said second master characters; and
- (d) retrieving said second data word by finding said second master characters in said second scrambled sequence and locating said second data characters by reference to said fixed geometric offset of said second data characters respectively to said second master characters.

Claim 19 (Previously presented) A method as set forth in Claim 13 and including the steps of:

- (a) providing a magnetic strip on said encryption sheet; and
- (b) recording in said magnetic strip an encoded sequence which is independent of said data word and said master word.

REMARKS:

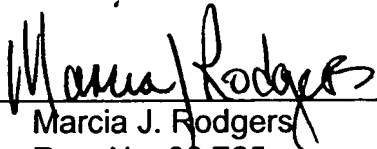
Claims 4-19 are pending are pending in this application. Claims 1-3 have been previously canceled.

Applicants note with appreciation the Examiner's indication that Claims 7-10 and 13-19 are allowed. The remaining claims are canceled by this amendment. Accordingly, Applicants respectfully solicit an early Notice of Allowance.

In the event that the Examiner is of the opinion that the prosecution of this application can be advanced thereby, he is invited to contact Applicants' attorney at the telephone number listed below.

Respectfully submitted,

George S. Mentrup et al.

By  _____

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